

October 22, 2021

ANNETTE CARAWAY/PHILLIP COHEN
CA WW OPERATOR CERTIFICATION

The following water/wastewater operator has applied to South Dakota to receive an Operator Certificate thru reciprocity. South Dakota will grant certificates by reciprocity to operators coming from states where their certification program is of a standard not lower than ours and will extend reciprocal privileges to our operators.

Please answer the following questions concerning your operator certification program so that the South Dakota Board of Operator Certification may make a decision at their next Board meeting (April 19, 2022) as to whether certification should be granted.

Name Jerome Anthony Copeland

Address 5005 Bluebird Lane, Paso Robles CA 93446

License Held CA WW Treatment Plant Operator Grade III-#9289

What is the education requirement (HS graduation, years of post-secondary, etc.) for this license(s)?

High School and 18 CEUS

What is the work experience requirement for this license(s)?

4 years (7200 hours)

Was a written exam taken to gain this license(s)? Yes

What type of questions is on the exam? Please see attached

What is the minimum score to pass the exam? 70% overall and a minimum of 50% on the math section

Class III
WW

Is your certification program mandatory? Yes

Is this license(s) valid at this time? Yes. Certificate #9289 is valid. expires on December 31, 2024

Will your program grant reciprocity to all South Dakota water and wastewater operators if minimum requirements are met? Note-South Dakota will grant reciprocity on a case-by-case basis. We compare the education/work experience requirements for your certificate with the requirements for our SD certificates. We do NOT review the education/experience of the operator himself. It is also required that your state will grant reciprocity to our operators coming to your state.

Reciprocity is granted on a case-by-case basis. Applicants must meet the education and experience requirements of California.

Comments _____

Name and title of person completing this form-

Neal Funston, Staff Services Manager I

Please check which certificates your agency issues-


☒ Water Treatment ☒ Water Distribution
☒ Wastewater Treatment ☐ Wastewater Collection

South Dakota's Operator Certification Law can be found at-
<http://legis.sd.gov/statutes/DisplayStatute.aspx?Type=Statute&Statute=34A-3>

Our regulations are contained within- <http://legis.sd.gov/rules/DisplayRule.aspx?Rule=74:21:02>

Feel free to write your answers on this sheet, and please include a copy of your regulations concerning Operator Certification. **Please email or fax your reply if possible.** If there are any questions on this matter, feel free to contact me in Pierre. Thank you for your help.

Sincerely,


Rob Kittay-Secretary
Board of Operator Certification
523 E Capitol
Pierre SD 57501
Phone: 605-773-4208
Fax: 605-773-5286
E-mail: rob.kittay@state.sd.us
Web Site: <http://denr.sd.gov/des/dw/opcertqa.aspx>

**GRADE III
WWTP OPERATOR
EXAMINATION INFORMATION**

The Grade III examination contains questions regarding the following subjects: basic safety practices, hazards encountered during wastewater treatment plant operations, sampling and simple analysis of wastewater constituents, and operation and maintenance procedures in preliminary and primary treatment unit processes, anaerobic sludge digestion and disinfection.

It also includes specific questions on the operation and maintenance of wastewater stabilization ponds and state regulations regarding the classification of wastewater treatment plants and operator certification.

Other questions may deal with secondary unit processes (e.g. trickling filters, activated sludge), sludge handling, evaluation of wastewater unit processes as well as overall plant performance and basic supervision.

In addition, the Grade III examination includes questions on process control, activated sludge process modifications and tertiary treatment. Examinees will be asked to write essay answers to some questions.

The Grade III examination also contains mathematical questions. Examinees may be asked to write essay answers and calculate a variety of problems including efficiency and loading of solid thickening processes, disinfectant usage, digester loading, pumping efficiency, standard BOD test, hydraulic or organic loading rate, activated sludge wasting rate, MLVSS and MLSS, sludge pumping rate, nitrogenous BOD calculation, F/M ratio and polymer usage. The examinee should be familiar with typical calculations related to the subject matter listed in paragraph 1. Examinees must work out the math problems. Answers to math questions that are not supported by calculations will **NOT** receive credit.

Examinees are given 3 ½ hours to complete the examination. The question format is as follows:

25 True/False Questions	@	1 point each
20 Multiple Choice Questions	@	2 points each
2 Mandatory Essay Questions	@	10 points each
7 Math Problems (Work 7 of 8)	@	8 points each

TOTAL POINTS 141

Passing Score: To pass, you must achieve:

(a) a minimum total score of 98.7 points (70 percent), AND
a score of at least 28 points (50 percent) on the Math Questions.

SOUTH DAKOTA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

APPLICATION FOR OPERATOR
CERTIFICATION THRU RECIPROCITY

INSTRUCTIONS TO APPLICANTS:

Application must be received by the Secretary at least FOUR WEEKS BEFORE THE NEXT MEETING OF THE BOARD OF OPERATOR CERTIFICATION. One certificate per application. Fax application to 605-773-5286 or mail application to:

Rob Kittay-Secretary
Board of Operator Certification
523 East Capitol-Foss Building
Pierre, SD 57501-3181

Applications for certification thru reciprocity are reviewed on a case-by-case basis by the Board of Operator Certification. Requirements for the certificate presently held in your state are compared to the requirements for the desired certificate in South Dakota. A copy of the certificate presently held should be included with the application. Each application must be accompanied by a check or money order for \$10.00 made out to "DENR". If you fax application, please submit fee through the mail.

GENERAL INFORMATION (Print legibly and fill out completely):

1. Name COPELAND JEROME ANTHONY
Last First Middle
2. Home Mailing Address 5005 BLUEBIRD LANE, PASO ROBLES, CA 93446
3. Phone (805) 765-7163 Fax (805) 927-0399
4. Email Address jcopelandsscsd@hotmail.com

South Dakota Certificate Desired
(Check only one)

- ☐ Water Treatment
☐ Water Distribution
☒ Wastewater Treatment
☐ Wastewater Collection
☐ Small Water Treatment
☐ Small WW System/
Stabilization Pond

Certificate Level
(Check only one)

- ☐ I
☐ II
☒ III
☐ IV

5. Certificate Now Held WASTEWATER TII From Which State CALIFORNIA
6. Was an exam passed to acquire this certificate? Check one. Yes ☒ No ☐

7. Is this certificate valid with all fees up-to-date? Check one. Yes ☒ No ☐

EDUCATION AND TRAINING

Are you a high school graduate? Check one. Yes ☒ No ☐ GED ☐ If no, year completed _____

College/Vo-tech Name	Dates Attended	Major	Date Graduated
CAL STATE SACRAMENTO	1997	WASTEWATER TREATMENT	1997

List other educational courses completed such as correspondence school, operators' short courses, etc. Give date, name, and location of such courses.

WASTEWATER OPERATION VOLUME I+II CALIFORNIA STATE UNIVERSITY,
SACRAMENTO, 1997

WATER/WASTEWATER OPERATION EXPERIENCE

Present Position Title CHIEF PLANT OPERATOR Date Employed 3/1/2011

Supervisor Name and Title CHARLES GRACE

Describe in detail your daily duties as related to the exam for which you are applying (Be Specific!)

OPERATION & MAINTENANCE OF A 2.0 MGD WWTP. DAILY SAMPLING
& TESTING OF MLSS, CHLORINE, SETTLEABILITY, SETTLEABLE SOLIDS.
RECORD KEEPING, REPORTING TO STATE DATA BASE FOR COMPLIANCE
& REGULATORY AGENCY.

List other job experience which you feel will pertain to your certification qualifications.

Dates	Employer Name/Location	Specific Job Duties Related to Exam Applied For
2010	SANTA PAULA WWTP	DAILY OPERATION & MAINTENANCE OF A 2.0 MGD WWTP

I hereby certify that this application contains no willful misrepresentations or falsifications and that the information given is true and complete.

Signature



Date

9/29/21

Oper#	3979
Cert Date	
Reciprocity Approved	Yes <input type="checkbox"/> No <input type="checkbox"/>
Cash	Check PD-1031
DENR Use Only PD-CC-	

\$10
\$50

State of California
State Water Resources Control Board



Certificate of Competence

This is to certify that pursuant to the provisions of Chapter 9, Division 7 of the California Water Code

Jerome A. Copeland

has fulfilled the requirements for certification as a

Grade III

Wastewater Treatment Plant Operator

Certificate Number 9289

Issued this November 20, 2018

Felicia Marcus
Chair



Original Issue Date: 01/05/2009

Expiration Date: 12/31/2021

This certificate is the property of the State of California and in the event of its suspension, revocation or invalidation for any reason, it must be returned to the State Water Resources Control Board upon demand.

October 22, 2021

JON STRUTZEL
CA OPERATOR CERTIFICATION

The following water/wastewater operator has applied to South Dakota to receive an Operator Certificate thru reciprocity. South Dakota will grant certificates by reciprocity to operators coming from states where their certification program is of a standard not lower than ours and will extend reciprocal privileges to our operators.

Please answer the following questions concerning your operator certification program so that the South Dakota Board of Operator Certification may make a decision at their next Board meeting (April 19, 2022) as to whether certification should be granted.

Name Marc Christopher Mathews

Address 14800 Gaudalupe Drive, Rancho Murieta CA 95683

License Held CA Water Treatment Operator T4-#38538

What is the education requirement (HS graduation, years of post-secondary, etc.) for this license(s)?

HS Diploma or GED

What is the work experience requirement for this license(s)?

Four years water treatment experience, one as a Chief or Shift operator

Was a written exam taken to gain this license(s)? Yes

What type of questions is on the exam? 85 MC 15 Math

What is the minimum score to pass the exam? 70%

CLASS II
WT

Is your certification program mandatory? Yes

Is this license(s) valid at this time? Yes, expiration date is 5/01/2023

Will your program grant reciprocity to all South Dakota water and wastewater operators if minimum requirements are met? Note-South Dakota will grant reciprocity on a case-by-case basis. We compare the education/work experience requirements for your certificate with the requirements for our SD certificates. We do NOT review the education/experience of the operator himself. It is also required that your state will grant reciprocity to our operators coming to your state.

Yes

Comments _____

Name and title of person completing this form-

Jon Strutzel Program Specialist

Please check which certificates your agency issues-

X Water Treatment X Water Distribution


X Wastewater Treatment Wastewater Collection

South Dakota's Operator Certification Law can be found at-
<http://legis.sd.gov/statutes/DisplayStatute.aspx?Type=Statute&Statute=34A-3>

Our regulations are contained within- <http://legis.sd.gov/rules/DisplayRule.aspx?Rule=74:21:02>

Feel free to write your answers on this sheet, and please include a copy of your regulations concerning Operator Certification. **Please email or fax your reply if possible.** If there are any questions on this matter, feel free to contact me in Pierre. Thank you for your help.

Sincerely,


Rob Kittay-Secretary
Board of Operator Certification
523 E Capitol
Pierre SD 57501
Phone: 605-773-4208
Fax: 605-773-5286
E-mail: rob.kittay@state.sd.us
Web Site: <http://denr.sd.gov/des/dw/opcertqa.aspx>

SOUTH DAKOTA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

APPLICATION FOR OPERATOR
CERTIFICATION THRU RECIPROCITY

PAID

OCT 22 2021

Ck# 1025

INSTRUCTIONS TO APPLICANTS:

Application must be received by the Secretary at least FOUR WEEKS BEFORE THE NEXT MEETING OF THE BOARD OF OPERATOR CERTIFICATION. One certificate per application. Fax application to 605-773-5286 or mail application to:

Rob Kittay-Secretary
Board of Operator Certification
523 East Capitol-Foss Building
Pierre, SD 57501-3181

Applications for certification thru reciprocity are reviewed on a case-by-case basis by the Board of Operator Certification. Requirements for the certificate presently held in your state are compared to the requirements for the desired certificate in South Dakota. A copy of the certificate presently held should be included with the application. Each application must be accompanied by a check or money order for \$10.00 made out to "DENR". If you fax application, please submit fee through the mail.

GENERAL INFORMATION (Print legibly and fill out completely):

1. Name Mathews Marc Christopher
Last First Middle

2. Home Mailing Address 14800 Guadalupe Dr., Rancho Murieta, CA 95683

3. Phone 916-769-8591 Fax _____

4. Email Address marcmathews@hotmail.com

South Dakota Certificate Desired
(Check only one)

- ☒ Water Treatment
☐ Water Distribution
☐ Wastewater Treatment
☐ Wastewater Collection
☐ Small Water Treatment
☐ Small WW System/
Stabilization Pond

Certificate Level
(Check only one)

- ☐ I
☐ II
☐ III
☒ IV

Jan. Strutzel @
waterboards.ca.
gov

5. Certificate Now Held Water Treatment IV From Which State California

6. Was an exam passed to acquire this certificate? Check one. Yes ☒ No ☐

7. Is this certificate valid with all fees up-to-date? Check one. Yes ☒ No ☐

EDUCATION AND TRAINING

Are you a high school graduate? Check one. Yes ☒ No ☐ GED ☐ If no, year completed _____

College/Vo-tech Name	Dates Attended	Major	Date Graduated
San Diego State University	1998-2001	Business Admin./Finance	6/2001

List other educational courses completed such as correspondence school, operators' short courses, etc. Give date, name, and location of such courses.

3/2018 - Water Treatment Plant Operation Specialist Certificate - California State University, Sacramento
3/2016 - Electro-Mechanical Skills Certificate - Sierra College - Rocklin, CA

WATER/WASTEWATER OPERATION EXPERIENCE

Present Position Title Treatment Operator IV

Date Employed 06/01/2017

Supervisor Name and Title Mark McClintock Production Superintendent

Describe in detail your daily duties as related to the exam for which you are applying (Be Specific!)

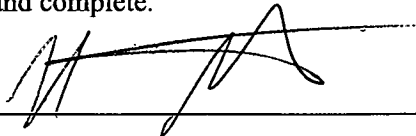
Operate a 22 MGD membrane continuous microfiltration water treatment plant, district well sites (5 active), storage tanks, and booster pumps. Maintain water production facilities, membranes, telemetry, pumps, compressors, and chemical feed equipment. Perform water quality tests such as pH, cl2 residual, turbidity, and coliform tests. Prepare water quality spreadsheets and reports. Operate SCADA system to control flow of water, chemical feed, and distribution system pressures. Conduct flushing activities, test backflow prevention devices, and field water quality complaints and inquiries.

List other job experience which you feel will pertain to your certification qualifications.

Dates	Employer Name/Location	Specific Job Duties Related to Exam Applied For

I hereby certify that this application contains no willful misrepresentations or falsifications and that the information given is true and complete.

Signature



Date

10/17/21

Oper#	3980
Cert Date	
Reciprocity Approved	Yes <input type="checkbox"/> No <input type="checkbox"/>
Cash	Check <u>PP-1025</u>
DENR Use Only <u>10-CC</u>	

→ \$10
→ \$50

State of California

State Water Resources Control Board

IN ACCORDANCE WITH DIVISION 104, PART 1, CHAPTER 4, ARTICLE 3 OF THE
HEALTH AND SAFETY CODE

Marc C. Mathews

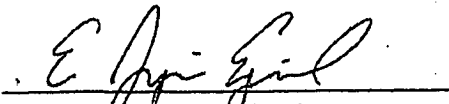
IS AUTHORIZED TO OPERATE OR SUPERVISE THE OPERATION OF A WATER TREATMENT FACILITY FOR
PRODUCTION OF WATER FOR DOMESTIC USE AND IS HEREBY GRANTED THIS CERTIFICATE FOR

Water Treatment Operator

Grade T4

Operator Number: 38538

Issued February 2020


E. Joaquin Esquivel
Chair



State of California
State Water Resources Control Board



This verifies that the individual named below
has paid the appropriate fee and is a certified
Water Treatment Operator

Name: **Marc C. Mathews**
Level: **Grade T4** Operator #: **38538**
Expires: **2/1/2023** Fee Paid: **\$ 105**
Due: **10/1/2022**

Signature: _____

A handwritten signature in black ink, appearing to be "M. Mathews", written over a horizontal line.

San Diego State University

The Trustees of The California State University
upon recommendation of the Faculty
have conferred upon

Marc Christopher Mathews

the Degree of

**Bachelor of Science in Applied Arts and Sciences
Business Administration (Finance)**

with all rights, privileges and honors thereunto appertaining.

Given at San Diego State University this
thirty-first day of May, two thousand and one.



Louanna K. Bourj
Chair
Board of Trustees

Gray Davis
Governor
President of the Board of Trustees

Charles B. Reed
Chancellor
The California State University

Stephen L. Weber
President
San Diego State University



CALIFORNIA STATE UNIVERSITY, SACRAMENTO

OFFICE OF WATER PROGRAMS

*College of Engineering and Computer Science
in Cooperation with the College of Continuing Education*

CERTIFY THAT

Marc Mathews

HAS SUCCESSFULLY COMPLETED ALL REQUIREMENTS FOR

WATER TREATMENT PLANT

OPERATION SPECIALIST

March 2018



DIRECTOR, OFFICE OF WATER PROGRAMS



DEAN, COLLEGE OF CONTINUING EDUCATION

CERTIFICATE

SIERRA COLLEGE

*Upon the recommendation of the faculty,
the Skills Certificate is hereby awarded to*

Marc Christopher Mathews

*in recognition of the successful completion of
requirements in*

Electro-Mechanical

during the Spring 2016 semester.



*At Sierra College
We Facilitate Learning,
Inspire Change, and
Build Community*

William H. Duncan IV
Superintendent/President

October 22, 2021

ANNETTE CARAWAY/PHILLIP COHEN
CA WW OPERATOR CERTIFICATION

The following water/wastewater operator has applied to South Dakota to receive an Operator Certificate thru reciprocity. South Dakota will grant certificates by reciprocity to operators coming from states where their certification program is of a standard not lower than ours and will extend reciprocal privileges to our operators.

Please answer the following questions concerning your operator certification program so that the South Dakota Board of Operator Certification may make a decision at their next Board meeting (April 19, 2022) as to whether certification should be granted.

Name Charles F Slagter

Address 5481 Mendes Court, Atwater CA 95301

License Held CA WW Treatment Plant Operator Grade IV-#9566

What is the education requirement (HS graduation, years of post-secondary, etc.) for this license(s)?

High School and 32 CEUs

What is the work experience requirement for this license(s)?

6 years

Was a written exam taken to gain this license(s)? Yes

What type of questions is on the exam? Multiple choice, math, and essay. See attached for details

What is the minimum score to pass the exam? 70% overall + at least 50% on math

CLASS III
WW

Is your certification program mandatory? Yes

Is this license(s) valid at this time? Yes. Certificate #9566 is current and valid to June 30, 2023

Will your program grant reciprocity to all South Dakota water and wastewater operators if minimum requirements are met? Note-South Dakota will grant reciprocity on a case-by-case basis. We compare the education/work experience requirements for your certificate with the requirements for our SD certificates. We do NOT review the education/experience of the operator himself. It is also required that your state will grant reciprocity to our operators coming to your state.

California grants reciprocity on a case-by-case basis. We compare the examination, education, and work experience requirements for your certificate with those of the California certificate. The applicant must also meet the minimum education and experience requirements set forth for California certificate holders

Comments: regulations can be accessed here:

https://www.waterboards.ca.gov/water_issues/programs/operator_certification/docs/ocr_clean.pdf

Name and title of person completing this form-

Neal Funston – Staff Services Manager I, Wastewater Operator Certification

Please check which certificates your agency issues-

☒ Water Treatment

☒ Water Distribution

☒ Wastewater Treatment

☐ Wastewater Collection

South Dakota's Operator Certification Law can be found at-

<http://legis.sd.gov/statutes/DisplayStatute.aspx?Type=Statute&Statute=34A-3>

Our regulations are contained within- <http://legis.sd.gov/rules/DisplayRule.aspx?Rule=74:21:02>

Feel free to write your answers on this sheet, and please include a copy of your regulations concerning Operator Certification. **Please email or fax your reply if possible.** If there are any questions on this matter, feel free to contact me in Pierre. Thank you for your help.

Sincerely,



Rob Kittay-Secretary

Board of Operator Certification

523 E Capitol

Pierre SD 57501

Phone: 605-773-4208

Fax: 605-773-5286

E-mail: rob.kittay@state.sd.us

Web Site: <http://denr.sd.gov/des/dw/opcertqa.aspx>

SOUTH DAKOTA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

APPLICATION FOR OPERATOR
CERTIFICATION THRU RECIPROCITY

INSTRUCTIONS TO APPLICANTS:

Application must be received by the Secretary at least FOUR WEEKS BEFORE THE NEXT MEETING OF THE BOARD OF OPERATOR CERTIFICATION. One certificate per application. Fax application to 605-773-5286 or mail application to:

Rob Kittay-Secretary
Board of Operator Certification
523 East Capitol-Foss Building
Pierre, SD 57501-3181

Applications for certification thru reciprocity are reviewed on a case-by-case basis by the Board of Operator Certification. Requirements for the certificate presently held in your state are compared to the requirements for the desired certificate in South Dakota. A copy of the certificate presently held should be included with the application. Each application must be accompanied by a check or money order for \$10.00 made out to "DENR". If you fax application, please submit fee through the mail.

GENERAL INFORMATION (Print legibly and fill out completely):

1. Name Slagter Charles F.
Last First Middle
2. Home Mailing Address 5481 Mendes court Atwater CA, 95201
3. Phone 209-658-1939 Fax _____
4. Email Address CharlesSlagter42@gmail.com

South Dakota Certificate Desired
(Check only one)

- ☐ Water Treatment
☐ Water Distribution
☒ Wastewater Treatment
☐ Wastewater Collection
☐ Small Water Treatment
☐ Small WW System/
Stabilization Pond

Certificate Level
(Check only one)

- ☐ I
☐ II
☐ III
☒ IV

5. Certificate Now Held Wastewater treatment Grade ~~IX~~ From Which State California
6. Was an exam passed to acquire this certificate? Check one. Yes ☒ No ☐

7. Is this certificate valid with all fees up-to-date? Check one. Yes ☒ No ☐

EDUCATION AND TRAINING

Are you a high school graduate? Check one. Yes ☒ No ☐ GED ☐ If no, year completed _____

College/Vo-tech Name	Dates Attended	Major	Date Graduated
Merced Community College	6-93 - 1997	Gen ed. History	- 75 units
CSU Stanislaus		Gen ed	9 units

List other educational courses completed such as correspondence school, operators' short courses, etc. Give date, name, and location of such courses.

Introduction to water/wastewater treatment classes at Merced Community College. Advanced water/waste water treatment classes at Merced Community College.

I've attached all related training documents with this package.

WATER/WASTEWATER OPERATION EXPERIENCE

Present Position Title Wastewater treatment operations supervisor Date Employed 9/6/1999

Supervisor Name and Title William Osmer - Public works manager Wastewater

Describe in detail your daily duties as related to the exam for which you are applying (Be Specific!)

Operate, supervise, a class V tertiary treatment plant that also utilizes treated water for Reclamation purposes. The treatment plant has primary & secondary treatment (activated sludge) tertiary treatment with U.V. Disinfection. Solids are processed anaerobically and mechanically dewatered and dried in greenhouses. I also manage & operate a Bio-solids land application program & a wildlife management area all using treated water.

List other job experience which you feel will pertain to your certification qualifications.

Dates	Employer Name/Location	Specific Job Duties Related to Exam Applied For

I hereby certify that this application contains no willful misrepresentations or falsifications and that the information given is true and complete.

Signature



Date 10/4/21

Oper#	3981
Cert Date	
Reciprocity Approved	Yes <input type="checkbox"/> No <input type="checkbox"/>
Cash	Check <u>PD</u> → 1083 → \$10
DENR Use Only <u>PD</u> → CC → \$5	

State of California
State Water Resources Control Board



Certificate of Competence

This is to certify that pursuant to the provisions of Chapter 9, Division 7 of the California Water Code

Charles F. Slagter

has fulfilled the requirements for certification as a

Grade IV

Wastewater Treatment Plant Operator

Certificate Number 9566

Issued this May 19, 2020

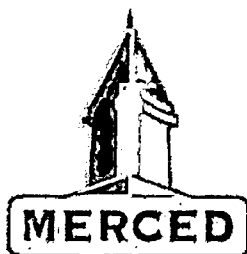
E. Joaquin Esquivel
Chair

Original Issue Date: 08/30/2007

Expiration Date: 06/30/2023



This certificate is the property of the State of California and in the event of its suspension, revocation or invalidation for any reason, it must be returned to the State Water Resources Control Board upon demand.



WWTP Operations Supervisor

Bargaining Unit: Unrepresented - Supervisory
Management

Class Code:
7246

CITY OF MERCED
Established Date: Mar 14, 2005
Revision Date: Jul 15, 2019

SALARY RANGE

\$31.70 - \$38.53 Hourly
\$2,536.01 - \$3,082.52 Biweekly
\$5,494.68 - \$6,678.79 Monthly
\$65,936.21 - \$80,145.52 Annually

CLASS CONCEPT:

Class specifications are intended to present a descriptive list of the range of duties performed by employees in the class. Specifications are not intended to reflect all duties performed within the job.

SUMMARY DESCRIPTION

Under general direction, supervise, assign, review, and participate in the work of staff responsible for the operation and inspection of the City's wastewater treatment plant; ensure work quality and adherence to established policies and procedures; and perform the more technical and complex tasks relative to assigned area of responsibility.

DISTINGUISHING CHARACTERISTICS

The WWTP Operations Supervisor is considered a supervisory level with responsibility for planning, coordinating and implementing an assigned area of wastewater functions and operations and performs a variety of maintenance, operations, and repair work on the City's wastewater treatment system and facilities. This position contributes to the overall management of the Wastewater Treatment Plant Division by participating in the development of policies and procedures and participating in the development and monitoring of budgets.

REPORTS TO

Public Works Manager-Wastewater or designee.

CLASSIFICATIONS SUPERVISED

Wastewater Treatment Plant Operators, Maintenance Workers, and other staff as assigned.

EXAMPLES OF DUTIES:

REPRESENTATIVE DUTIES

The following duties are typical for this classification. Incumbents may not perform all of the listed duties and/or may be required to perform additional or different duties from those set forth below to address business needs and changing business practices.

1. Plan, prioritize, assign, supervise, review, and participate in the work of staff responsible for the operation and inspection of the City's wastewater treatment plant; ensure treatment processes meet Federal and State wastewater quality standards.
2. Establish schedules and methods for providing wastewater treatment plant services; identify resource needs; review needs with appropriate management staff; and allocate resources accordingly.
3. Participate in the development and implementation of goals and objectives as well as policies and procedures; evaluate operations and activities of assigned responsibilities and make recommendations for changes and improvements to existing standards, policies, and procedures; and monitor work activities to ensure compliance with established policies and procedures.
4. Participate in the selection of assigned staff; provide or coordinate staff training; promote progressive staff certification; work with employees to correct deficiencies; and implement discipline procedures.
5. Participate in the preparation and administration of the wastewater treatment plant program budget; submit budget recommendations; and monitor expenditures.
6. Perform the most technical and complex tasks of the work unit including responsibility for a delegated area of wastewater functions and operations.
7. Perform training of hazardous material and emergency response procedures as required by regulatory agencies.
8. Monitor wastewater treatment system operations, interpreting charts, gauges and laboratory results of samples, noting operational problems and recommending adjustments to maintain system balance; provide direction for process control decisions to ensure compliance with regulatory discharge requirements.
9. Assist in maintaining facility compliance with regulatory discharge requirements including National Pollutant Discharge Elimination System (NPDES).
10. Manage inventory of materials and equipment used in the operations of plant and ancillary facilities; prepare requisitions for tools, equipment, supplies and services.
11. Manage Supervisory Control and Data Acquisition (SCADA) system optimization.
12. Advise the Public Works Manager-Wastewater of the status of the plant and staff.
13. Inspect pumps, sump pumps, ventilators, and air supplies.
14. Coordinate sampling operations to assure proper balance of treatment steps and meeting effluent requirements.
15. Operate a variety of equipment, testing equipment and hand and power tools.
16. Perform any of the duties assigned to plant operators as needed; perform skilled work in these activities and provide technical direction as needed.
17. Give plant tours to visitors, consultants, the general public and others as necessary.
18. Assist in developing and overseeing the daily walk through sheets, process control logs, and trending graphs to maintain accurate, well organized files, records, and data related to department operations.
19. Forecast and schedule major projects seasonally and as needed.
20. Ensure a high standard of facility appearance and cleanliness of equipment.
21. Review laboratory data and self-monitoring reports to ensure accuracy; provide narrative to qualify any instances of non-compliance.
22. Coordinate safety meetings to include safety topic review, safety issues, status updates on various projects, process control, future development and permit review to ensure understanding of priorities and responsibility.
23. May oversee the farming operations of the land application program; forecast crop rotations to ensure biosolid nutrient removal and marketability of crops; and ensure staff properly maintains equipment, farm implements, roadways, canal banks, and fire abatement discing on City owned lots.
24. Perform after-hours emergency work related to plant operations as necessary.
25. Maintain records concerning operations and programs; prepare reports on operations and activities; and prepare monthly operations and standby schedules.
26. Attend and participate in professional group meetings; maintain awareness of new trends and developments in the field of wastewater treatment; incorporate new developments as appropriate into programs; and ensure staff stays current with new developments in methods and technology.
27. Perform related duties as required.

TYPICAL QUALIFICATIONS:**QUALIFICATIONS**

The following generally describes the knowledge and ability required to enter the job and/or be learned within a short period of time in order to successfully perform the assigned duties.

Knowledge of:

Operations, services, and activities of a wastewater treatment plant program.
 Principles and practices of mechanical, electrical and hydraulic principles related to wastewater treatment operations, disposal systems, and facility operations.
 Principles of supervision, training, and performance evaluation.
 Basic principles and practices of budget preparation and administration.
 Principles and procedures of record keeping.
 Principles of business letter writing and basic preparation of comprehensive administrative and technical documents, reports, and presentations.
 Pertinent Federal, state, and local laws, codes, rules, regulations and environmental requirements including those applicable to the operation of a wastewater treatment facility.
 Current principles, practices, and regulations related to the treatment processes of the wastewater plant, including standard quality tests.
 Operation of pumps, motors, valves, metering control systems and chemical feed equipment.
 Occupational hazards and standard safety practices pertaining to plant operations.
 Methods and techniques for handling and storing hazardous chemicals.
 Chemistry, biology, and mathematics used in the operation of a wastewater treatment plant.
 Practices, tools, equipment, materials, and chemicals used in wastewater treatment system operation, maintenance, repair work, effluent disposal, agriculture and construction.
 Principles and methods of preventive maintenance programs.
 Principles and practices of wastewater collection.
 Principles and practices of design, planning and development of wastewater treatment facilities.
 Principles and practices of cost, time and materials estimating.
 Principles, objectives, and tests used in a wastewater treatment plant biochemical laboratory.
 Principles and practices of biosolids sampling and land application.
 Principles and practices of agriculture including field cultivation planting, fertilization, irrigation, and harvesting.
 Office procedures, methods, and equipment including computers and applicable software applications such as word processing, spreadsheets, and databases.

Ability to:

Coordinate and direct wastewater treatment programs.
 Supervise, organize, and review the work of assigned staff involved in the operation and inspection of the City's wastewater treatment plant.
 Select, train, assign, direct, and evaluate staff.
 Recommend and implement goals, objectives, policies and procedures for providing wastewater treatment services.
 Understand the organization and operation of the organization and of outside agencies as necessary to assume assigned responsibilities.
 Understand, interpret, explain, and apply general and specific administrative and departmental policies and procedures as well as applicable Federal, State, and local policies, laws, and regulations.
 Prepare clear and concise reports.
 Participate in the preparation and administration of assigned budgets.
 Develop and coordinate work programs and schedules.
 Perform mathematical calculations.
 Operate, adjust, and maintain wastewater treatment systems.
 Read, interpret and record data accurately.
 Recognize unusual or dangerous operating conditions and make sound judgments within established guidelines.

Learn more complex principles, practices, techniques and regulations pertaining to wastewater plant operations and communicate that information to others.
 Manage and monitor complex wastewater treatment systems.
 Collect samples and conduct basic laboratory tests.
 Maintain accurate records and reports.
 Safely and effectively operate various tools and equipment.
 Analyze and interpret laboratory tests and make modifications to wastewater treatment plant operations and take corrective and preventive measures.
 Diagnose, troubleshoot, evaluate alternatives, and solve complex technical problems.
 Plan and organize work to meet changing priorities and deadlines.
 Effectively represent the City to outside individuals and agencies to accomplish the goals and objectives of the unit.
 Work cooperatively with other departments, City officials, and outside agencies.
 Respond tactfully, clearly, concisely, and appropriately to inquiries from the public, City staff, or other agencies on sensitive issues in area of responsibility.
 Operate office equipment including computers and supporting word processing, spreadsheet, and database applications.
 Communicate clearly and concisely, both orally and in writing.
 Establish and maintain effective working relationships with those contacted in the course of work.

Education and Experience Guidelines - Any combination of education and experience that would likely provide the required knowledge and abilities is qualifying. A typical way to obtain the knowledge and abilities would be:

Education/Training:

Equivalent to the completion of the twelfth grade supplemented by specialized training in wastewater treatment plant operations and/or maintenance. Completion of an Associate's degree with major coursework in a related field must be obtained within three years.

Experience:

Six years of experience in the operation, monitoring, testing, maintenance, and repair of wastewater treatment facilities and systems at a level equivalent to Wastewater Treatment Plant Operator III with the City of Merced or pursuant to Title 23, Division 3, SWRCB, Chapter 26, Classification of Wastewater Treatment Plants and Operator Certification.

License or Certificate:

Possession of an appropriate California Driver License.

Possession of a Grade IV Wastewater Plant Operator certificate or higher issued from the California State Water Resource Control Board.

Special Requirements:

Willingness to work nights, weekends, holidays and overtime as needed for emergencies.

PHYSICAL DEMANDS AND WORKING ENVIRONMENT

The conditions herein are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform these essential job functions.

Environment: Work is performed in a wastewater treatment plant and outdoor environment; may work in a shop or office environment; exposure to varying temperatures and inclement weather conditions including wet and/or humid conditions; exposure to noise, dust, grease, hazardous materials, smoke, gases, and fumes; work around water or wastewater; work on slippery surfaces; exposure to hazards such as moving machine parts and electrical current; and continuous contact with other staff.

Physical: Primary functions require sufficient physical ability and mobility to work in a wastewater treatment plant and outdoor environment; occasionally sit and frequently stand, walk, stoop, bend, kneel, crouch, crawl, climb, reach, and twist; normal manual dexterity and eye-hand coordination; ability to lift and move objects weighing up to 50 pounds; work while wearing respiratory protection equipment; corrected hearing and vision to normal range; verbal communication; operate a variety of hand and power equipment, and testing equipment used in the wastewater treatment system

monitoring, maintenance, adjustments, and operations; and use of office equipment, including computers, telephones, calculators, copiers, and FAX.

September 27, 2021

NANCY HORAN
CO OPERATOR CERTIFICATION

The following water/wastewater operator has applied to South Dakota to receive an Operator Certificate thru reciprocity. South Dakota will grant certificates by reciprocity to operators coming from states where their certification program is of a standard not lower than ours and will extend reciprocal privileges to our operators.

Please answer the following questions concerning your operator certification program so that the South Dakota Board of Operator Certification may make a decision at their next Board meeting (April 19, 2022) as to whether certification should be granted.

Name Brent Aaron Pickrell

Address 5964 S Meadow Lark Place, Castle Rock CO

License Held CO Class A Water Treatment #CWP-WA-01183-1020

What is the education requirement (HS graduation, years of post-secondary, etc.) for this license(s)?

Minimum education requirement is HS completion or GED

What is the work experience requirement for this license(s)?

Minimum work experience requirement is 4 years. Up to 50% may be met by relevant postsecondary education.

Was a written exam taken to gain this license(s)? Yes

What type of questions is on the exam? Multiple choice

What is the minimum score to pass the exam? 70

CLASS II
WT

Is your certification program mandatory? Yes

Is this license(s) valid at this time? Yes

Will your program grant reciprocity to all South Dakota water and wastewater operators if minimum requirements are met? Note-South Dakota will grant reciprocity on a case-by-case basis. We compare the education/work experience requirements for your certificate with the requirements for our SD certificates. We do NOT review the education/experience of the operator himself. It is also required that your state will grant reciprocity to our operators coming to your state.

Colorado will grant reciprocity to operators who have passed an ABC exam for the category/level certificate held by the applicant. Colorado also compares education/work experience to ensure they meet Colorado's requirements
Comments _____

Name and title of person completing this form-

Nancy Horan, Facility and Operator Outreach and Certification Board Liaison

Please check which certificates your agency issues-

☒ Water Treatment

☒ Water Distribution

☒ Wastewater Treatment


☒ Wastewater Collection

South Dakota's Operator Certification Law can be found at-https://sdlegislature.gov/Statutes/Codified_Laws/2058273

Our regulations are contained within- <https://sdlegislature.gov/Rules/Administrative/27258>

Feel free to write your answers on this sheet, and please include a copy of your regulations concerning Operator Certification. **Please email or fax your reply if possible.** If there are any questions on this matter, feel free to contact me in Pierre. Thank you for your help.

Sincerely,


Rob Kittay-Secretary
Board of Operator Certification
523 E Capitol
Pierre SD 57501
Phone: 605-773-4208
Fax: 605-773-5286
E-mail: rob.kittay@state.sd.us
Web Site: <https://danr.sd.gov/OfficeOfWater/DrinkingWater/OperatorCertification/default.aspx>

SOUTH DAKOTA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

APPLICATION FOR OPERATOR
CERTIFICATION THRU RECIPROCITY

PAID

SEP 27 2021

Ck# 1050

INSTRUCTIONS TO APPLICANTS:

Application must be received by the Secretary at least FOUR WEEKS BEFORE THE NEXT MEETING OF THE BOARD OF OPERATOR CERTIFICATION. One certificate per application. Fax application to 605-773-5286 or mail application to:

Rob Kittay-Secretary
Board of Operator Certification
523 East Capitol-Foss Building
Pierre, SD 57501-3181

Applications for certification thru reciprocity are reviewed on a case-by-case basis by the Board of Operator Certification. Requirements for the certificate presently held in your state are compared to the requirements for the desired certificate in South Dakota. A copy of the certificate presently held should be included with the application. Each application must be accompanied by a check or money order for \$10.00 made out to "DENR". If you fax application, please submit fee through the mail.

GENERAL INFORMATION (Print legibly and fill out completely):

1. Name Pickrell Brent Aaron
Last First Middle
2. Home Mailing Address 5964 S Meadow Lark Pl Castle Rock CO
3. Phone (719)922-3743 Fax _____
4. Email Address brpickr@protonmail.com

South Dakota Certificate Desired
(Check only one)

- ☒ Water Treatment
☐ Water Distribution
☐ Wastewater Treatment
☐ Wastewater Collection
☐ Small Water Treatment
☐ Small WW System/
Stabilization Pond

Certificate Level
(Check only one)

- ☐ I
☐ II
☐ III
☒ IV

5. Certificate Now Held Water Treatment A From Which State Colorado
6. Was an exam passed to acquire this certificate? Check one. Yes ☒ No ☐

7. Is this certificate valid with all fees up-to-date? Check one. Yes ☒ No ☐

EDUCATION AND TRAINING

Are you a high school graduate? Check one. Yes ☒ No ☐ GED ☐ If no, year completed _____

College/Vo-tech Name	Dates Attended	Major	Date Graduated
Rocky Mountain College of Art	May 2008 - May 2011	BFA - Illustration/Design	August 2011
University of Colorado Denver	Fall 2007	Arts and Media	N/A
Metropolitan State College of Denver	Fall 2005 - Spring 2007	Computer Science	N/A

List other educational courses completed such as correspondence school, operators' short courses, etc. Give date, name, and location of such courses.

To explain for the above: I took some courses and Metropolitan State College of Denver and University of Colorado Denver but ultimately graduated from Rocky Mountain College of Art and Design in Lakewood, Colorado.

WATER/WASTEWATER OPERATION EXPERIENCE

Present Position Title Water Treatment Operator IV (Previous) Date Employed Jan 2018 - Aug 2021

Supervisor Name and Title Kevin Moore - Water Treatment Operations Supervisor

Describe in detail your daily duties as related to the exam for which you are applying (Be Specific!)

Responsibilities included running our Advanced Treatment/Conventional Treatment plant. Processes included ozone treatment prior to raw water blending, rapid mix where Potassium Permanganate and Ferric Chloride were blended in for the coagulation/flocculation/and sedimentation processes, Bacteriologically Activated Carbon filtration, Pall membrane filtration, post membrane ozonation, UV treatment, and chlorination. Running four different ground water/direct filtration plants (effluent was also chloramine residual at each). Day to day tasks included chemical feed adjustment, water quality analysis, instrument calibration/maintenance, chemical feed pump repair, changing cylinders, taking chemical deliveries, and moving water throughout the system (via SCADA).

List other job experience which you feel will pertain to your certification qualifications.

Dates	Employer Name/Location	Specific Job Duties Related to Exam Applied For
11/2016 - 1/2018	Castle Rock Water/Castle Rock	Main repair, hydrant repair, PRV repair, utility locates,
2/2015 - 7/2016	Arvada Water/Arvada	equipment operation, service line repair, meter installs,
		and inspection of all assets (Arvada Water and Castle Rock)

I hereby certify that this application contains no willful misrepresentations or falsifications and that the information given is true and complete.

Signature *Brent Proctor* Date 9/17/21

Oper#	3978 3978
Cert Date	
Reciprocity Approved	Yes <input type="checkbox"/> No <input type="checkbox"/>
Cash	Check <u>PD-#10-</u>
DENR Use Only	<u>\$50-</u>

#1050
#1003

STATE OF COLORADO

COLORADO WATER and WASTEWATER FACILITY OPERATORS CERTIFICATION BOARD

Be it known that

Brent Pickrell

is hereby Certified as a

Class A Water Treatment Operator,
also designated as a Colorado Certified Water Professional (CWP),

having qualified by Article 9 of Title 25, C.R.S., effective May 23, 2000, and in accordance with the Rules and Regulations adopted by the Colorado Water and Wastewater Facility Operators Certification Board.

Date Issued: 10-21-2020



Expires: 10-20-2023

Robi Dancy

Secretary of Board

CWP-WA-01183-1020

Certificate Number

Allen Byrne

Board Chairperson

In Witness whereof I have subscribed my name and affixed the seal of the State of Colorado Certification Board.

September 22, 2021

JACKIE WHELAN
CO OPERATOR CERTIFICATION

The following water/wastewater operator has applied to South Dakota to receive an Operator Certificate thru reciprocity. South Dakota will grant certificates by reciprocity to operators coming from states where their certification program is of a standard not lower than ours and will extend reciprocal privileges to our operators.

Please answer the following questions concerning your operator certification program so that the South Dakota Board of Operator Certification may make a decision at their next Board meeting (April 19, 2022) as to whether certification should be granted.

Name Brent Aaron Pickrell

Address 5964 S Meadow Lark Pl—Did not give city/state

Castle Rock CO 80109

License Held CO Class 4 Water Distribution #CWP-D4-00398-1019

What is the education requirement (HS graduation, years of post-secondary, etc.) for this license(s)?

Minimum education requirement is HS completion or GED

What is the work experience requirement for this license(s)?

Minimum work experience requirement is 4 years. Up to 50% may be met by relevant postsecondary education.

Was a written exam taken to gain this license(s)? Yes

What type of questions is on the exam? Multiple choice

What is the minimum score to pass the exam? 70

CLASSIFIED
WD

Is your certification program mandatory? Yes

Is this license(s) valid at this time? Yes

Will your program grant reciprocity to all South Dakota water and wastewater operators if minimum requirements are met? Note-South Dakota will grant reciprocity on a case-by-case basis. We compare the education/work experience requirements for your certificate with the requirements for our SD certificates. We do NOT review the education/experience of the operator himself. It is also required that your state will grant reciprocity to our operators coming to your state.

Colorado will grant reciprocity to operators who have passed an ABC exam for the category/level certificate held by the applicant. Colorado also compares education/work experience to ensure they meet Colorado's requirements.

Comments _____

Name and title of person completing this form-

Nancy Horan, Facility and Operator Outreach and Certification Board Liaison

Please check which certificates your agency issues-

X Water Treatment

X Water Distribution

X Wastewater Treatment

X Wastewater Collection

South Dakota's Operator Certification Law can be found at-https://sdlegislature.gov/Statutes/Codified_Laws/2058273

Our regulations are contained within- <https://sdlegislature.gov/Rules/Administrative/27258>

Feel free to write your answers on this sheet, and please include a copy of your regulations concerning Operator Certification. **Please email or fax your reply if possible.** If there are any questions on this matter, feel free to contact me in Pierre. Thank you for your help.

Sincerely,



Rob Kittay-Secretary
Board of Operator Certification
523 E Capitol
Pierre SD 57501
Phone: 605-773-4208
Fax: 605-773-5286
E-mail: rob.kittay@state.sd.us
Web Site: <https://danr.sd.gov/OfficeOfWater/DrinkingWater/OperatorCertification/default.aspx>

SOUTH DAKOTA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

APPLICATION FOR OPERATOR
CERTIFICATION THRU RECIPROCITY

INSTRUCTIONS TO APPLICANTS:

Application must be received by the Secretary at least FOUR WEEKS BEFORE THE NEXT MEETING OF THE BOARD OF OPERATOR CERTIFICATION. One certificate per application. Fax application to 605-773-5286 or mail application to:

Rob Kittay-Secretary
Board of Operator Certification
523 East Capitol-Foss Building
Pierre, SD 57501-3181

Applications for certification thru reciprocity are reviewed on a case-by-case basis by the Board of Operator Certification. Requirements for the certificate presently held in your state are compared to the requirements for the desired certificate in South Dakota. A copy of the certificate presently held should be included with the application. Each application must be accompanied by a check or money order for \$10.00 made out to "DENR". If you fax application, please submit fee through the mail.

GENERAL INFORMATION (Print legibly and fill out completely):

1. Name Pickrell Brent Aaron
Last First Middle
2. Home Mailing Address 5964 S Meadow Lark Pl
3. Phone (719)922-3743 Fax _____
4. Email Address brpickr@protonmail.com

South Dakota Certificate Desired
(Check only one)

- ☐ Water Treatment
☒ Water Distribution
☐ Wastewater Treatment
☐ Wastewater Collection
☐ Small Water Treatment
☐ Small WW System/
Stabilization Pond

Certificate Level
(Check only one)

- ☐ I
☐ II
☐ III
☒ IV

jackie.whelem
state.co.us

5. Certificate Now Held Water Distribution 4 From Which State Colorado

6. Was an exam passed to acquire this certificate? Check one. Yes ☒ No ☐

7. Is this certificate valid with all fees up-to-date? Check one. Yes ☒ No ☐

EDUCATION AND TRAINING

Are you a high school graduate? Check one. Yes ☒ No ☐ GED ☐ If no, year completed _____

College/Vo-tech Name	Dates Attended	Major	Date Graduated
Rocky Mountain College of Art	May 2008 - May 2011	BFA - Illustration/Design	August 2011
University of Colorado Denver	Fall 2007	Arts and Media	N/A
Metropolitan State College of Denver	Fall 2005 - Spring 2007	Computer Science	N/A

List other educational courses completed such as correspondence school, operators' short courses, etc. Give date, name, and location of such courses.

To explain for the above: I took some courses and Metropolitan State College of Denver and University of Colorado Denver but ultimately graduated from Rocky Mountain College of Art and Design in Lakewood, Colorado.

WATER/WASTEWATER OPERATION EXPERIENCE

Present Position Title Water Treatment Operator IV (Previous) Date Employed Jan 2018 - Aug 2021

Supervisor Name and Title Kevin Moore - Water Treatment Operations Supervisor

Describe in detail your daily duties as related to the exam for which you are applying (Be Specific!)

Responsibilities included running our Advanced Treatment/Conventional Treatment plant. Processes included ozone treatment prior to raw water blending, rapid mix where Potassium Permanganate and Ferric Chloride were blended in for the coagulation/flocculation/and sedimentation processes, Bacteriologically Activated Carbon filtration, Pall membrane filtration, post membrane ozonation, UV treatment, and chlorination. Running four different ground water/direct filtration plants (effluent was also chlorimine residual at each). Day to day tasks included chemical feed adjustment, water quality analysis, instrument calibration/maintenance, chemical feed pump repair, changing cylinders, taking chemical deliveries, and moving water throughout the system (via SCADA).

List other job experience which you feel will pertain to your certification qualifications.

Dates	Employer Name/Location	Specific Job Duties Related to Exam Applied For
11/2016 - 1/2018	Castle Rock Water/Castle Rock	Main repair, hydrant repair, PRV repair, utility locates,
2/2015 - 7/2016	Arvada Water/Arvada	equipment operation, service line repair, meter installs,
		and inspection of all assets (Arvada Water and Castle Rock)

I hereby certify that this application contains no willful misrepresentations or falsifications and that the information given is true and complete.

Signature *Must Miller* Date 9/17/2021

Oper#	13087 3978
Cert Date	
Reciprocity Approved	Yes <input type="checkbox"/> No <input type="checkbox"/>
Cash	Check <u>PD - 1000</u>
DENR Use Only	

~~1000~~ \$60

STATE OF COLORADO

COLORADO WATER and WASTEWATER FACILITY OPERATORS CERTIFICATION BOARD

Be it known that

Brent Pickrell

is hereby Certified as a

Class 4 Water Distribution System Operator,
also designated as a Colorado Certified Water Professional (CWP),

having qualified by Article 9 of Title 25, C.R.S., effective May 23, 2000, and in accordance with the Rules and Regulations adopted by the Colorado Water and Wastewater Facility Operators Certification Board.

Date Issued: 10-25-2019



Expires: 10-24-2022

Rabi Dancy

Secretary of Board

CWP-D4-00398-1019

Certificate Number

Allen Byrne

Board Chairperson

In Witness whereof I have subscribed my name and affixed the seal of the State of Colorado Certification Board.

100.14 CERTIFICATION QUALIFICATIONS, EDUCATION, EXPERIENCE AND SUBSTITUTIONS

- (iii) whether or not the experience included the responsible charge of a water or wastewater facility.
- (h) Once specific experience or relevant training is credited toward the satisfaction of either the experience or education requirements of this section, that same experience and/or training may not be further credited to meet other requirements of this section.
- (i) Prior Certification Requirements. To qualify to sit for an examination, an applicant must hold a certificate for the same certification category (water treatment facility, domestic or industrial wastewater treatment facility, distribution system or collection system) and in the class immediately below the class for which application is being made. Prior certification requirements are shown in the table below.

(j) Table - Prior Certification and Experience Requirements

Certification Class	Prior Certification Required ¹	Minimum Experience Required
Class T	None	No minimum experience requirement
Class S, Class D, or Class 1	None	1 Month
Class C	Class D or Class S	2 Years
Class 2	Class 1 or Class S	2 Years
Class B	Class C	3 Years
Class 3	Class 2	3 Years
Class A	Class B	4 Years
Class 4	Class 3	4 Years

¹ Prior certification must be for the same certification category as that of the examination being applied for.

- (k) Special Rules for Satisfying the Minimum Experience Requirements for Class D, Class 1, Class S and Class T Certifications:
 - (i) The required experience may be obtained either under the supervision of a certified operator in responsible charge or through the successful completion of an approved training course or course of study.
 - (ii) Any education courses used to satisfy the basic experience requirement for a Class D, Class 1, Class S, or Class T certificate may not be used to satisfy the certificate renewal requirements for that same certification.

100.14.6 Substituting education and cross experience for the experience requirements

(a) Substituting Education for Experience Requirements

- (i) Post-secondary education may also be substituted for up to fifty percent (50%) of the experience requirements of section 100.14.5(f) based on successful completion of formal academic credit hours, as approved by the Board or its contractor in accordance with section 100.14.6(b), for all or a portion of an academic year. For education substitution for experience, academic credit hours shall be calculated as follows:
 - (A) 15 semester hours = ½ academic year = 6 months experience; 15 quarter hours = 1/3 academic year = 4 months experience;
 - (B) Training units: 300 contact hours or 30 training units = 15 quarter hours = 4 months experience;

Additional description for Distribution 4 reciprocity: I didn't have enough room on the sheet to go into detail. My most previous experience has been in Water Treatment. Aside from system monitoring and moving water around via SCADA I didn't have to do a lot for the distribution system at my previous position.

Arvada Water (2/2015-07/2016) I was a Distribution System Operator I.

Castle Rock Water (11/2016 – 01/2018) I was a Distribution System Operator II.

During both of the above positions I ran tandem dump trucks and vac trucks (requiring a Class A CDL with Tanker and Air Brakes endorsement), back hoes, track hoes, and skid steers. Aside from maintenance and record keeping for valves, hydrants, pressure reduction valves, and air vacs I was also responsible for repair of all of the above. On call for emergencies and customer needs. On call for snow removal using plow trucks with V Box spreaders. I was also responsible for inspection, record keeping, and cleaning for water reservoirs throughout both systems. For PRV and altitude valves that were not operated via SCADA, I often had to go out to adjust pressure/fill levels.

OFFICIAL TRANSCRIPT



**METROPOLITAN
STATE UNIVERSITY™**
OF DENVER

Brent Aaron Pickrell
10625 Briarglen Circle
Highlands Ranch, CO 80130

Date Issued: 01/29/2013
SSN: xxx-xx-1853
DOB: 08/22/xxxx
Page 1

Course Level: Undergraduate
Current School: School of Letters, Arts & Sci
Current Major(s):
Computer Science

Undergraduate TRANSFER CREDIT(S) ACCEPTED BY MSU Denver

'07 University of Colorado-Denver 15 Credit(s)

Course	Title	Cr	Gr	GT
--------	-------	----	----	----

Fall 2005

CSI 1050	Computer Science 1	4.00	NC	
EET 2310	Digital Circuits I	4.00	NC	
ENG 1010	Freshman Composition-The Essay	3.00	NC	CO1
Attempted: 11.00 Earned: 0.00 Sem gpa: 0.00				

Fall 2006

CS 1050	Computer Science 1	4.00	A	
EET 2310	Digital Circuits I	4.00	B	
ENG 1010	Freshman Composition-The Essay	3.00	A	CO1
MTH 1110	College Algebra	4.00	B	MA1
Attempted: 15.00 Earned: 15.00 Sem gpa: 3.47				

Spring 2007

ART 1101	Two-Dimensional Design	3.00	B	
ART 1141	Drawing I	3.00	A	
ARTH 1600	World Art I: Art Before 1200	3.00	A	
ENG 1020	Freshman Comp-Res, Anly & Documt	3.00	A	CO2
PSY 1001	Introductory Psychology	3.00	A	SS3
Provost's Honor Roll				
Attempted: 15.00 Earned: 15.00 Sem gpa: 3.80				

Totals

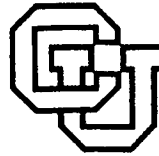
	Earned Crs.	GPA Crs.	Grade Points	GPA
Transfer	15.00			
MSU Denver	30.00	30.00	109.00	3.63
Total	45.00	30.00	109.00	3.63

Brent Aaron Pickrell
Issued to Student

An official signature is white on a light blue background. A black and white transcript is not official. A raised seal is not required.



Paula E. Martinez, Registrar



NAME: Pickrell, Brent
 STUDENT NR: XXX-XX-1853/810141641 BIRTHDATE: 08/22/XXXX
 PRINT DATE: 01/29/2013
 P

Issued To: *** ISSUED TO STUDENT ***
 Brent Pickrell

Requested By: Brent Pickrell

Other Institutions Attended:

SECONDARY: Thunderridge High School
 SCH: GRAD: XX/XXXX
 Highlands Ranch CO

HIGHER EDUC. INSTITUTIONS: Metropolitan State University of Denver
 Denver CO 08/05 - 05/07
 Rocky Mtn Coll of Art & Design
 Denver CO 08/08 - 08/11

Transfer Credit Applied:

METROPOLITAN STATE COLLEGE
 Denver CO UGRD SEM TRANSFER CREDIT 26.0

ROCKY MTN COLL OF ART & DESIGN
 Denver CO UGRD SEM TRANSFER CREDIT 21.0

COURSE TITLE	CRSE NR	UNITS	GRADE	PNTS
--------------	---------	-------	-------	------

Fall 2007 UCD-Dntwn Denvr				
College of Arts & Media UGRD	Fine Arts			
Telling Tales	ENGL 1601	3.0	A-	11.1
GT-AH2 - Arts & Hum: Lit & Humanities				
Digital 3D Preproduction	F A 1425	3.0	A	12.0
Three Dimensional Design	F A 1500	3.0	A	12.0
Basic Life Drawing	F A 2000	3.0	A	12.0
Phil: Relationship Indv to Wrld	PHIL 1012	3.0	A	12.0
GT-AH3 - Arts & Hum: Ways of Thinking				
ATT 15.0 EARNED	15.0 GPAHRS	15.0 GPAPTS	59.10	GPA 3.940

Deans List

CUMULATIVE CREDITS:

TR	CU	TOT	QUAL	QUAL	GPA
UNITS	UNITS	UNITS	UNITS	PTS	
UGRD	47.0	15.0	62.0	15.0	59.10
***** END OF ACADEMIC RECORD *****					

Page 1 of 1

Disclosure of the information contained in this transcript may not be made to another party without the prior written consent of the student whose name appears herein. This transcript may be used solely by the individual or institution to which it was originally released, and only for the purpose for which the disclosure was made. These instructions are in accordance with the Family Educational Rights and Privacy Act of 1974.

Ingrid T. Eschholz
 University Registrar
 University of Colorado Denver

This officially sealed and signed transcript is printed on blue security paper with the name of the university printed in large white type across the face of the document. A raised seal is not required. When photocopied the word COPY should appear A BLACK ON WHITE OR A COLOR COPY SHOULD NOT BE ACCEPTED!

Printed: 1/31/2013
Student: Brent A Pickrell
Student ID: 1176478

1600 Pierce Street
Lakewood, CO 80214
<http://www.rmcd.edu>

Program: Bachelor of Fine Arts: Illustration
Second Major:

Page 1 of 2

Course	Title	Attempted	Earned	Grade	Q. Points	Course	Title	Attempted	Earned	Grade	Q. Points
Term: TRANS						Term: 12.00 12.00 48.00					
TRANSFER						Cumulative: 21.00 21.00 84.00					
LIFE EXPERIENCE CREDIT						Term GPA: 4.000 Cum GPA: 4.000					
WO1025	Written + Oral Communication Lab	0.00	0.00	TR	0.00						
METROPOLITAN STATE COLL DENVER						Term: 10SP 2010 Spring 1/11/2010					
AH1010	Art + Design Hist. 1	0.00	3.00	TR	0.00	AH2010	History of Art + Design in the	3.00	3.00	B+	9.00
FD1115	Visual Design 1	0.00	3.00	TR	0.00		Nonwestern World				
FD1275	Drawing 1	0.00	3.00	TR	0.00	DM2110	Vector Illustration	0.00	0.00	W	0.00
MA1210	Basic Mathematics	0.00	3.00	TR	0.00	IL2520	Illustration Media	3.00	3.00	B	9.00
SBS2020	Social Psychology	0.00	3.00	TR	0.00	IL2560	Still Life Painting	3.00	3.00	A	12.00
WO1020	Written/Oral Comm	0.00	3.00	TR	0.00	IL2570	Basic Illustration	3.00	3.00	A-	12.00
WO1060	Phil of Art + Design	0.00	3.00	TR	0.00	Term: 12.00 12.00 42.00					
PORTFOLIO CREDIT						Cumulative: 33.00 33.00 126.00					
FD1010	Digital Image Making	0.00	3.00	TR	0.00	Term GPA: 3.500 Cum GPA: 3.818					
UNIVERSITY COLORADO DENVER						Term: 10SU 2010 Summer 5/17/2010					
EL2200	FR/SO Studio Elect.	0.00	3.00	TR	0.00	IL2000	Illustration Sophomore Portfolio	0.00	0.00	P	0.00
EL2200	FR/SO Studio Elect.	0.00	3.00	TR	0.00	IL2550	Life Drawing III: Human Anatomy	3.00	3.00	A	12.00
FD2120	Visual Design 2	0.00	3.00	TR	0.00	IL2650	Life Painting I	3.00	3.00	A+	12.00
HU2010	Humanities Sem 1	0.00	3.00	TR	0.00	IL2840	Animal Anatomy + Drawing	3.00	3.00	A	12.00
HU2050	Humanities Sem 2	0.00	3.00	TR	0.00	IL3590	Conceptual Illustration	3.00	3.00	A-	12.00
Term: 0.00 39.00 0.00						Term: 12.00 12.00 48.00					
Cumulative: 0.00 0.00						Cumulative: 45.00 45.00 174.00					
Term GPA: 0.000 Cum GPA: 0.000						Term GPA: 4.000 Cum GPA: 3.867					
Term: 08SUCE 2008 Summer CE 5/12/2008						Term: 10FA 2010 Fall 9/7/2010					
CE176	Life Drawing Fully	0.00	0.00	P	0.00	AN2310	Creative Visualization	0.00	0.00	W	0.00
Term: 0.00 0.00 0.00						AN2D3360	Animation Layout & Production	3.00	3.00	A	12.00
Cumulative: 0.00 0.00						IL3000#	Illustration Junior Portfolio Review	0.00	0.00	P	0.00
Term GPA: 0.000 Cum GPA: 0.000						IL3580	Landscape Painting	3.00	3.00	A	12.00
						IL3610	Life Drawing IV	3.00	3.00	A+	12.00
						IL3655	Character Design	3.00	3.00	A	12.00
						Term: 12.00 12.00 48.00					
						Cumulative: 57.00 57.00 222.00					
						Term GPA: 4.000 Cum GPA: 3.895					
Term: 08FA 2008 Fall 9/2/2008											
FD1370	Life Drawing 1	3.00	3.00	A-	12.00						
FD1375	Drawing 2	0.00	0.00	W	0.00						
IL2440	Typography for Illus	0.00	0.00	W	0.00						
IL2510	Hist of Amer IL	3.00	3.00	A	12.00						
SBS3040	Biological Anthro	3.00	3.00	A	12.00						
Term: 9.00 9.00 36.00											
Cumulative: 9.00 9.00 36.00											
Term GPA: 4.000 Cum GPA: 4.000											
Term: 09SP 2009 Spring 1/5/2009											
AH1020	Art + Design Hist. 2	3.00	3.00	A	12.00						
FD1375	Drawing 2	3.00	3.00	A+	12.00						
FD1380	Life Drawing 2	3.00	3.00	A	12.00						
FD1990	Freshman Port Rvw	0.00	0.00	P	0.00						
NS2030	Life Science	3.00	3.00	A	12.00						

Printed: 1/31/2013
Student: Brent A Pickrell
Student ID: 1176478

1600 Pierce Street
Lakewood, CO 80214
<http://www.rmcd.edu>

Page 2 of 2

Program: Bachelor of Fine Arts: Illustration
Second Major:

Course	Title	Attempted	Earned	Grade	Q. Points	Course	Title	Attempted	Earned	Grade	Q. Points
Term: 11SP		2011 Spring			1/3/2011						
HU4015	Seminar in Contemporary Thought: History and Theory of the Body	3.00	3.00	B	9.00						
IL2440	Typography for Illustration	3.00	3.00	A	12.00						
IL3660	Illustrating Literature	3.00	3.00	B+	9.00						
IL4530	Directed Themes in Illustration	3.00	3.00	A	12.00						
IL4550	Computer Illustration I	3.00	3.00	A	12.00						
Term:		15.00	15.00	54.00							
Cumulative:		72.00	72.00	276.00							
Term GPA:		3.600	Cum GPA:		3.833						
Term: 11SU		2011 Summer			5/2/2011						
AH3010	Advanced Studies	3.00	3.00	A	12.00						
IL3250	Life Painting II	3.00	3.00	A	12.00						
IL4450	Illustration Web Portfolio	3.00	3.00	A	12.00						
IL4551	Computer Illustration II	3.00	3.00	A	12.00						
IL4990	Illustration Graduation Portfolio	3.00	3.00	A-	12.00						
Term:		15.00	15.00	60.00							
Cumulative:		87.00	87.00	336.00							
Term GPA:		4.000	Cum GPA:		3.862						
Bachelor of Fine Arts: Illustration		CUM GPA:		3.862							
		CUM HOURS:		126.00							
Honors:		Summa Cum Laude									
Credentials awarded for Illustration enrollment											
<u>Credential</u>		<u>Date Awarded</u>		<u>Date Cleared</u>							
Bachelor of Fine Arts		8/19/2011									

*** End of Transcript ***

** Indicates Retaken Course

R* Indicates Retaken Override

◆ Indicates Associated Course

This officially sealed and signed transcript is printed on black security paper with orange highlights. A raised seal is not required. When photocopied, the word COPY appears across the face of the entire document. A BLACK ON WHITE OR A COLOR COPY SHOULD NOT BE ACCEPTED.

AN OFFICIAL SIGNATURE IS EMBOSSED

Charles W. King
CHARLES W. KING, REGISTRAR

MISUSE OF AN ACADEMIC RECORD IS A VIOLATION OF STATE AND FEDERAL STATUTES

THIS TRANSCRIPT IS PRINTED ON SECURITY PAPER AND CONTAINS ANTI COUNTERFEITING FEATURES

November 8, 2021

MALLORY PALMER
WI OPERATOR CERTIFICATION

The following water/wastewater operator has applied to South Dakota to receive an Operator Certificate thru reciprocity. South Dakota will grant certificates by reciprocity to operators coming from states where their certification program is of a standard not lower than ours and will extend reciprocal privileges to our operators.

Please answer the following questions concerning your operator certification program so that the South Dakota Board of Operator Certification may make a decision at their next Board meeting (April 19, 2022) as to whether certification should be granted.

Name Wade Doyle Peterson

Address S3714 S Bent Tree Drive, Baraboo WI 53913

License Held WI Wastewater Operator Certification #27076

What is the education requirement (HS graduation, years of post-secondary, etc.) for this license(s)?

There is no minimum education requirement for wastewater certification in Wisconsin. Note: high school diploma required for municipal waterworks certification in Wisconsin, which Wade Peterson also has.

What is the work experience requirement for this license(s)?

To receive an initial certification with our entry level grade of Operator-in-Training there are no work requirements, the only requirement is passing the exam(s) to obtain that certification. This includes passing the Basic General Wastewater exam and at least one additional subclass. To move up in our certifications, work experience is required. Wade had the required work experience to rise to the highest level of our certifications.

To upgraded to the grade of Basic (Grade B), the second available grade, requires one year of experience (with a minimum of 1000 hours in the one year if part-time). A form with a description of regular tasks and frequency of their completion is submitted by operators for review by Wisconsin DNR. This form is attached to this email.

The next upgrade is to Advanced (Grade A), the top certification grade for wastewater operators. The requirements for being granted advanced are layout out on the Wastewater Operator Certification page under the Adv Cert tab and on the Advanced Wastewater Certification form (attached to email). Overall it requires an applicant obtaining 10 points through a number of available avenues. The only requirement is a minimum of 4 years of general wastewater work experience or 4000 cumulative hours for part-time workers over at least a 4-year period.

Here is where it gets different since Wade was grandfathered in with the old system. The old system had Grades 1-4, with Grades 3 & 4 being considered Advanced. To gain this grade, an operator needed to have passed both the intro and advanced exam for that subclass and have the appropriate number of experience years (3 years for grade 3 and 4 years for grade 4). Wade had taken 4 advanced exams (general, activated sludge, mechanical sludge, and phosphorus removal) and submitted his 4 years of general experience to be Grade 4 in those old subclasses. Due to having Grade 4 at the conversion, he was granted his 10 advanced points and given advanced for all subclasses. So he did have 4 years of experience, others points essentially came from advanced exams.

Was a written exam taken to gain this license(s)? Yes, multiple-choice exams were completed in-person on paper. More information on exams can be found on our Exams page. Each subclass is obtained by passing that specific subclass' exam. Specially for Wade, he has taken 16 exams.

What type of questions is on the exam? Multiple choice questions. For the subclass exams questions are specific to that subclass' specific treatment processes. In general, they follow the outline of the study guides for each subclass. Each exam taken by Wade was 50 questions. Question topics included theory & principles; operation & maintenance; monitoring, process control & troubleshooting; safety; and calculations. Two of the 16 exams taken were considered 'general' covering all various treatment processes ranging from small lagoons to major activated sludge mechanical plants. One of the general exams was introductory questions and the second one was advanced questions.

Wisconsin recently (2014-ish) updated our certification which altered our subclasses and exams. We used to have 2 exams for each subclass, basic and advanced. For most operators, there would be 11 basic exams and 11 advanced exams to take. Wade took all 11 basic exams (General and all the subclasses) and 4 advanced exams (General advanced and 3 subclasses). Wade took 1 new exam (collection system subclass) that was newly created as part of the 2014 updates.

What is the minimum score to pass the exam? 75%

Is your certification program mandatory? Wisconsin administrative code (Ch NR 114) has certification requirements that must be met by each facility but not necessarily by each operator as long as the facility meets the requirements with at least one operators.

- Wastewater requirements
NR 114.53 – General Requirements: Every WPDES permitted treatment plant shall have a designated operator-in-charge holding a current and valid certificate pursuant to this subchapter. The designated operator-in-charge shall be certified at the level and in all subclasses of the treatment plant, except laboratory.

Is this license(s) valid at this time? Yes, both the wastewater and waterworks certifications are active through December 1, 2023

Will your program grant reciprocity to all South Dakota water and wastewater operators if minimum requirements are met? Note-South Dakota will grant reciprocity on a case-by-case basis. We compare the education/work experience requirements for your certificate with the requirements for our SD certificates. We do NOT review the education/experience of the operator himself. It is also required that your state will grant reciprocity to our operators coming to your state.

Wisconsin reviews each reciprocity application on a case-by-case basis and grants applicable Wisconsin certification after that review. South Dakota follows ABC's wastewater certification of Class I through Class IV and at a minimum Wisconsin would grant experience and an equivalent general exam passed (Class I for South Dakota). The higher the certification (towards Class IV), the more equivalent exams are considered passed and could gain additional subclass certifications and potentially an advanced certification.

Comments Overall Wisconsin's wastewater certification structure is set with certifications available for specific subclasses for different areas of wastewater treatment. Operators must pass the Basic General Wastewater exam as well as the subclasses exams. Additional information can be found on Wisconsin DNR's Wastewater Operator Certification page.

Name and title of person completing this form-

Sam Wettach. Operator Certification Coordinator – Drinking Water & Wastewater. Wisconsin Department of Natural Resources (DNR).

Please check which certificates your agency issues-

X Water Treatment X (available as a subclass of the water treatment certification) Water Distribution

X Wastewater Treatment X (available as a subclass within wastewater treatment certification) Wastewater Collection

South Dakota's Operator Certification Law can be found at-
<http://legis.sd.gov/statutes/DisplayStatute.aspx?Type=Statute&Statute=34A-3>

Our regulations are contained within- <http://legis.sd.gov/rules/DisplayRule.aspx?Rule=74:21:02>

Feel free to write your answers on this sheet, and please include a copy of your regulations concerning Operator Certification. **Please email or fax your reply if possible.** If there are any questions on this matter, feel free to contact me in Pierre. Thank you for your help.

Sincerely,



Rob Kittay-Secretary
Board of Operator Certification
523 E Capitol
Pierre SD 57501
Phone: 605-773-4208
Fax: 605-773-5286
E-mail: rob.kittay@state.sd.us
Web Site: <http://denr.sd.gov/des/dw/opcertqa.aspx>

APPLICATION FOR OPERATOR CERTIFICATION THRU RECIPROCITY

PAID

NOV 8 2021

Ck# 1344**INSTRUCTIONS TO APPLICANTS:**

Application must be received by the Secretary at least FOUR WEEKS BEFORE THE NEXT MEETING OF THE BOARD OF OPERATOR CERTIFICATION. One certificate per application. Fax application to 605-773-5286, email application, or mail application to:

Rob Kittay-Secretary
Board of Operator Certification
523 East Capitol-Foss Building
Pierre, SD 57501-3181
Email: rob.kittay@state.sd.us

Applications for certification thru reciprocity are reviewed on a case-by-case basis by the Board of Operator Certification. Requirements for the certificate presently held in your state are compared to the requirements for certificates in South Dakota. Please note that you may not be awarded any certificate if the requirements to obtain your current certificate are lower than the standards in South Dakota. A copy of the certificate presently held should be included with the application. **Each application must be accompanied by a fee of \$60.00.** Checks should be made out to "DANR". If you fax or email application, please submit fee through the mail.

GENERAL INFORMATION (Print legibly and fill out completely):

1. Name: Peterson, Wade Doyle
Last, First, Middle
2. Home Mailing Address: S3714 S. Bent Tree Drive, Baraboo, WI 53913
3. Phone 608-397-0251 Fax _____
4. Email Address: wade115ces@gmail.com
5. Certificate Now Held WW – Grade 4, Subclasscs (see attachment) From Which State: Wisconsin
6. Was an exam passed to acquire this certificate? Check one. Yes ☒ No ☐
7. Was this certificate obtained thru reciprocity? Check one. Yes ☐ No ☒
8. Is this certificate valid with all fees up-to-date? Check one. Yes ☒ No ☐
9. Have you ever been certified in South Dakota before? Check one. Yes ☐ No ☒

Mallory Palmer
wisconsin.gov

EDUCATION AND TRAINING

Are you a high school graduate? Check one. Yes ☒ No ☐ GED ☐ If no, year completed _____

College/Vo-tech Name	Dates Attended	Major	Date Graduated
Community College of the Air Force	1983-1988	Engineering and Environmental Management Associate Degree	1988
Community College of the Air Force	1988-1991	Environmental Service Tech Associate Degree	1991

List other educational courses completed such as correspondence school, operators' short courses, etc. Give date, name, and location of such courses.

UW Madison-Managing Assets, Effective Financial Policies, Scheduling Projects Course, 2000

WI Department of Military Affairs Hazardous Chemical Management and Disposal, 2000

WI Cross Connection & Backflow Certification, 2002

WI DNR requires that we get 24 hours of Continuing Education Credits every 3 years

WATER/WASTEWATER OPERATION EXPERIENCE

Present Position Title: Utility Superintendent Date Employed July 2010 - Present

Supervisor Name and Title: Tom Pinion, City Engineer

Describe in detail your daily duties. (Be Specific!) Manage wastewater utility of 4 operators and 2 office personnel. Wastewater system consists of 64 miles of mains, 4300 customers, 2 lift stations, and 2.5 MGD activated sludge facility. The facility consist of fine screen debris removal, biological phosphorus removal, activated sludge treatment, final clarifiers, UV disinfection, biosolids thickening, lime stabilization and laboratory. I have the ability to work with operators on daily rounds, maintain lift stations and collection system, and repair manholes. Inspect utility construction projects. Develop budget and capital equipment plan. Complete reports for DNR. Complete work orders for maintenance projects. Monitor/order parts inventory.

List other job experience which you feel will pertain to your certification qualifications.

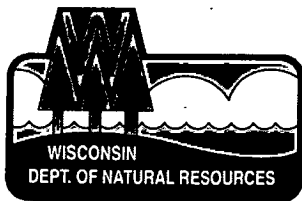
Dates	Employer Name/Location	Specific Job Duties
1997-2008	Village of West Salem, WI	Operate & Maintain 1.0 MGD wastewater plant to include chemical phosphorus treatment, fine screen debris removal, activated sludge process, biosolids thickening and lime stabilization. Performed lab testing. Inspected utility construction projects, develop & manage capital equipment plan. 3 lift stations. Cleaning of collection system.
1992-1997	Village of Cadott, WI	Operate & Maintain .3 MGD activated sludge plant with primary clarifier, activated sludge treatment, secondary clarifier, chemical disinfection, and laboratory. 1 lift station. Cleaning of collection system.
1991-1992	Urbana/Champaign Sanitary District	Operator at 2 large treatment plants that included primary screening, grit removal, primary clarifiers, activated sludge, aerobic & anaerobic digestion, secondary clarifiers, sludge thickening, chemical disinfection, tertiary treatment, and sand filtration .

I hereby certify that this application contains no willful misrepresentations or falsifications and that the information given is true and complete.

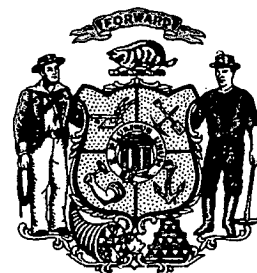
Signature Wade D. [Signature] Date 3 Nov 21

Oper#		3977
Cert Date		
Reciprocity Approved		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Certificate Awarded		
Cash	Check	PO-1344
DENR Use Only		\$120

4/22/2021



*The State of Wisconsin
Department of
Natural Resources*



WADE D PETERSON
S3714 S BENT TREE DR
BARABOO WI 53913-9090

This certificate recognizes that

WADE D PETERSON

Certification No: 27076

has met the requirements of Ch. NR 114,
Wis. Adm. Code, as a certified operator:

Wastewater Operator Certification

Biological Solids/Sludge Handling, Processing & Reuse - Advanced
Biological Treatment: Attached Growth Processes - Advanced
Biological Treatment: Ponds, Lagoons and Natural Systems - Advanced
Biological Treatment: Suspended Growth Processes - Advanced
Disinfection - Advanced
Laboratory - Advanced
Nutrient Removal: Total Phosphorus - Advanced
Sanitary Sewage Collection System - OIT
Solids Separation - Advanced

Certification begins on **December 2, 2020** and expires on **December 1, 2023**

For renewal of this certificate, you will need **24 continuing education hours**
before this certificate expires.

Preston D. Cole, Secretary
Department of Natural Resources

Printed on 11/18/20

Certification information and training opportunities can be found at <http://dnr.wi.gov> by searching keywords "Operator Certification"

November 8, 2021

MALLORY PALMER
WI OPERATOR CERTIFICATION

The following water/wastewater operator has applied to South Dakota to receive an Operator Certificate thru reciprocity. South Dakota will grant certificates by reciprocity to operators coming from states where their certification program is of a standard not lower than ours and will extend reciprocal privileges to our operators.

Please answer the following questions concerning your operator certification program so that the South Dakota Board of Operator Certification may make a decision at their next Board meeting (April 19, 2022) as to whether certification should be granted.

Name Wade Doyle Peterson
Address S3714 S Bent Tree Drive, Baraboo WI 53913
License Held WI Waterworks Operator Certification #27076

*Class I
WT*

What is the education requirement (HS graduation, years of post-secondary, etc.) for this license(s)?

Minimum education requirement of high school diploma or GED for municipal waterworks certification in Wisconsin.

What is the work experience requirement for this license(s)?

To receive an initial certification with our entry level grade of Operator-in-Training there are no work requirements, the only requirement is passing the exam(s) to obtain that certification. To move up in our certifications, work experience is required. Wade had the required work experience to rise to the highest level of our certifications.

To upgraded to the grade of Basic (Grade B), the second and highest grade, requires one year of experience (with a minimum of 1000 hours in the one year if part-time). A form with a description of regular tasks and frequency of their completion for each certification subclass is submitted by operators for review by Wisconsin DNR. This form is attached to this email.

Was a written exam taken to gain this license(s)? Yes, multiple-choice exams were completed in-person on paper. More information on exams can be found on our Exams page. Each subclass is obtained by passing that specific subclass' exam. Wade has taken and passed 4 municipal waterworks exams.

What type of questions is on the exam? Multiple choice questions. For the subclass exams questions are specific to that subclass' specific treatment processes. In general, they follow the outline of the study guides for each subclass. Each exam Wade took and passed was 40 questions. Question topics included theory & principles; operation & maintenance; monitoring, process control & troubleshooting; safety; and calculations.

What is the minimum score to pass the exam? 75%

Is your certification program mandatory? Wisconsin administrative code (Ch NR 114) has certification requirements that must be met by each facility but not necessarily by each operator as long as the facility meets the requirements with at least one operators.

Is this license(s) valid at this time? Yes, both the wastewater and waterworks certifications are active through December 1, 2023.

Will your program grant reciprocity to all South Dakota water and wastewater operators if minimum requirements are met? Note-South Dakota will grant reciprocity on a case-by-case basis. We compare the education/work experience requirements for your certificate with the requirements for our SD certificates. We do NOT review the education/experience of the operator himself. It is also required that your state will grant reciprocity to our operators coming to your state.

Wisconsin reviews each reciprocity application on a case-by-case basis and grants applicable Wisconsin certification after that review.

Comments Overall Wisconsin's municipal waterworks certification structure is set with certifications available for specific subclasses for different areas of municipal waterworks treatment and distribution. Operators must pass subclass exams to become certified in each subclass. Passing one subclass earns the operator their municipal waterworks certification, which is renewed every three years in conjunction with continuing education requirements. Additional information can be found on Wisconsin DNR's Municipal Waterworks Operator Certification page.

Name and title of person completing this form-

Sam Wettach. Operator Certification Coordinator – Drinking Water & Wastewater. Wisconsin Department of Natural Resources (DNR).

Please check which certificates your agency issues-

X Water Treatment X (available as a subclass of the water treatment certification) Water Distribution

X Wastewater Treatment X (available as a subclass within wastewater treatment certification) Wastewater Collection

South Dakota's Operator Certification Law can be found at-
<http://legis.sd.gov/statutes/DisplayStatute.aspx?Type=Statute&Statute=34A-3>

Our regulations are contained within- <http://legis.sd.gov/rules/DisplayRule.aspx?Rule=74:21:02>

Feel free to write your answers on this sheet, and please include a copy of your regulations concerning Operator Certification. **Please email or fax your reply if possible.** If there are any questions on this matter, feel free to contact me in Pierre. Thank you for your help.

Sincerely,

009

Rob Kittay-Secretary
Board of Operator Certification
523 E Capitol
Pierre SD 57501
Phone: 605-773-4208
Fax: 605-773-5286
E-mail: rob.kittay@state.sd.us
Web Site: <http://denr.sd.gov/des/dw/opcertqa.aspx>

APPLICATION FOR OPERATOR
CERTIFICATION THRU RECIPROCITY

PAID

NOV 8 2021

CK# 1244

INSTRUCTIONS TO APPLICANTS:

Application must be received by the Secretary at least FOUR WEEKS BEFORE THE NEXT MEETING OF THE BOARD OF OPERATOR CERTIFICATION. One certificate per application. Fax application to 605-773-5286, email application, or mail application to:

Rob Kittay-Secretary
Board of Operator Certification
523 East Capitol-Foss Building
Pierre, SD 57501-3181
Email: rob.kittay@state.sd.us

Applications for certification thru reciprocity are reviewed on a case-by-case basis by the Board of Operator Certification. Requirements for the certificate presently held in your state are compared to the requirements for certificates in South Dakota. Please note that you may not be awarded any certificate if the requirements to obtain your current certificate are lower than the standards in South Dakota. A copy of the certificate presently held should be included with the application. **Each application must be accompanied by a fee of \$60.00.** Checks should be made out to "DANR". If you fax or email application, please submit fee through the mail.

GENERAL INFORMATION (Print legibly and fill out completely):

1. Name: Peterson, Wade Doyle
Last, First, Middle
2. Home Mailing Address: S3714 S. Bent Tree Drive, Baraboo, WI 53913
3. Phone 608-397-0251 Fax
4. Email Address: wadel15ces@gmail.com
5. Certificate Now Held Water – Grade 1, Subclasses D,G,I,Z From Which State: Wisconsin
6. Was an exam passed to acquire this certificate? Check one. Yes ☒ No ☐
7. Was this certificate obtained thru reciprocity? Check one. Yes ☐ No ☒
8. Is this certificate valid with all fees up-to-date? Check one. Yes ☒ No ☐
9. Have you ever been certified in South Dakota before? Check one. Yes ☐ No ☒

EDUCATION AND TRAINING

Are you a high school graduate? Check one. Yes ☒ No ☐ GED ☐ If no, year completed _____

College/Vo-tech Name	Dates Attended	Major	Date Graduated
Community College of the Air Force	1983-1988	Engineering and Environmental Management Associate Degree	1988
Community College of the Air Force	1988-1991	Environmental Service Tech Associate Degree	1991

List other educational courses completed such as correspondence school, operators' short courses, etc. Give date, name, and location of such courses.

UW Madison-Managing Assets, Effective Financial Policies, Scheduling Projects Course, 2000

WI Department of Military Affairs Hazardous Chemical Management and Disposal, 2000

WI Cross Connection & Backflow Certification, 2002

WI DNR requires that we get 24 hours of Continuing Education Credits every 3 years

WATER/WASTEWATER OPERATION EXPERIENCE

Present Position Title: Utility Superintendent Date Employed July 2010 - Present

Supervisor Name and Title: Tom Pinion, City Engineer

Describe in detail your daily duties. (Be Specific!) Manage water utility of 5 operators and 2 office personnel. Water system consists of 70 miles of mains, 4300 customers, 5 wells, and 6 storage facilities. I have the ability to work with operators on daily system checks, test water quality, calculate dosage rates of chemicals, operate/maintain fire hydrants & valves, repair water mains and service leaks. Inspect utility construction projects. Develop budget and capital equipment plan. Complete reports for Public Service Commission and DNR. Perform cross connection inspections. Annually test/certify backflow devices. Complete work orders for maintenance projects. Monitor/order parts inventory. Monitor testing cycle of water meters.

List other job experience which you feel will pertain to your certification qualifications.

Dates	Employer Name/Location	Specific Job Duties
1997-2008	Village of West Salem, WI	Operate & Maintain wells, Manganese/Iron removal system, fire hydrants & valves, complete daily water quality testing, repair water mains & service leaks, install/maintain water meters, inspect utility construction projects, develop & manage capital equipment plan. Complete reports for Public Service Commission and DNR
1992-1997	Village of Cadott, WI	Operate & Maintain wells, fire hydrants & valves, complete daily water quality testing, repair water mains & service leaks, install/maintain water meters. Complete reports for Public Service Commission and DNR
1983-2011	Air Force & Air Nation Guard	Environmental Support & Utilities. Operated & Maintained several different water systems to include softening plant and portable Reverse Osmosis units.

I hereby certify that this application contains no willful misrepresentations or falsifications and that the information given is true and complete.

Signature W. A. [Signature] Date 3 Nov 21

Oper# 13102 3977	
Cert Date	
Reciprocity Approved Yes <input type="checkbox"/> No <input type="checkbox"/>	
Certificate Awarded	
Cash	Check PD-1344
DENR Use Only \$120	

4/22/2021



*The State of Wisconsin
Department of
Natural Resources*



WADE D PETERSON
S3714 S BENT TREE DR
BARABOO WI 53913-9090

This certificate recognizes that

WADE D PETERSON

Certification No: 27076

has met the requirements of Ch. NR 114,
Wis. Adm. Code, as a certified operator:

Municipal Waterworks Operator Certification

DISTRIBUTION GRADE 1
GROUNDWATER GRADE 1
IRON REMOVAL GRADE 1
ZEOLITE SOFTENING GRADE 1

Certification begins on **December 2, 2020** and expires on **December 1, 2023**

For renewal of this certificate, you will need **18 continuing education hours**
before this certificate expires.

Preston D. Cole, Secretary
Department of Natural Resources

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Certification information and training opportunities can be found at <http://dnr.wi.gov> by searching keywords "Operator Certification"